



Technical Data Sheet

DOWSIL™ CB-1002 Conditioning Agent

FEATURES & BENEFITS

- Easy to formulate into hair treatment products
- Smooth and soft feeling on hair
- Improve dry/wet combing performance
- Listed in the catalogue of Cosmetic Ingredients Used in China

COMPOSITION

- Silicone gum and amino silicone blend

INCI Name: Dimethicone and Amodimethicone

APPLICATIONS

- Rinse off conditioner, hair mask and hair treatment

TYPICAL PROPERTIES

Specification Writers: These values are not intended for use in preparing specifications.

Test	Property	Unit	Result
CTM 0176	Appearance		Viscous liquid
CTM 0050	Viscosity	mPas	74400
	Specific gravity at 25°C (77°F)		0.98
	Silicone content	%	100

CTM: Corporate Test Method, copies of CTMs are available on request.

DESCRIPTION

DOWSIL™ CB-1002 Conditioning Agent is a blend of Dimethicone and Amine-functional silicone polymer. This blend is developed as conditioning agent for hair care products such as rinse off conditioner, hair mask and hair treatment and provides super dry combing, wet sensory performance (see Figures 1 and 2).

HOW TO USE

DOWSIL CB-1002 Conditioning Agent can be added to the oil phase of the formulation. It is recommended to add to the formulation below 75°C with continuous mixing or stirring. The recommended use level is 1~5%.

**HANDLING PRECAUTIONS
PRODUCT SAFETY
INFORMATION REQUIRED FOR
SAFE USE IS NOT INCLUDED IN
THIS DOCUMENT. BEFORE**

**HANDLING, READ PRODUCT
AND SAFETY DATA SHEETS AND
CONTAINER LABELS FOR SAFE
USE, PHYSICAL AND HEALTH
HAZARD INFORMATION. THE
SAFETY DATA SHEET IS
AVAILABLE ON THE DOW
WEBSITE AT
WWW.CONSUMER.DOW.COM,
OR FROM YOUR DOW SALES
APPLICATION ENGINEER, OR
DISTRIBUTOR, OR BY CALLING
DOW CUSTOMER SERVICE.**

USABLE LIFE AND STORAGE

When stored between 5°C (41°F) and 30°C (86°F) in original, unopened container, this product has a usable life of 18 months from the date of production.

PACKAGING INFORMATION

This product is available in 18 kg pails. Samples are available in 500 g cans.

LIMITATIONS

This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

DOW DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

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HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product safety needs, Dow has an extensive Product Stewardship organization and a team of product safety and regulatory compliance specialists available in each area.

For further information, please see our website, www.consumer.dow.com or consult your local Dow representative.

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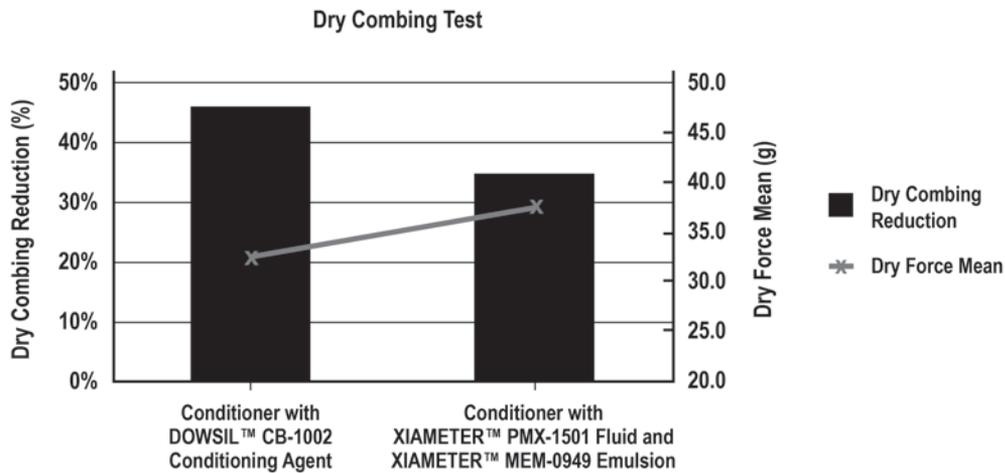
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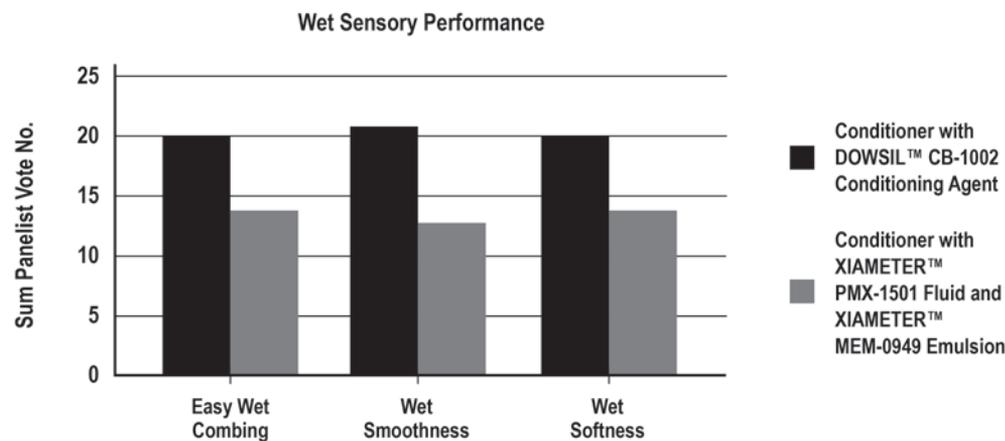
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DOWSIL™ CB-1002 Conditioning Agent
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Figure 1: Dry Combing Performance by Combing Machine



At 99% confidence level, rinse off conditioner with 2% DOWSIL CB-1002 Conditioning Agent is better than the one with 2% XIAMETER™ PMX-1501 Fluid and 3% XIAMETER™ MEM-0949 Emulsion on dry combing performance.

Figure 2: Wet Sensory Performance by Panelist



The rinse off conditioner with 2% DOWSIL CB-1002 Conditioning Agent is better than the one with 2% XIAMETER PMX-1501 Fluid and 3% XIAMETER MEM-0949 Emulsion on wet combing, wet smoothness and wet softness performance above 90% confidence level.

